

Alcatel•Lucent



Jeffrey A. Marks
Senior Counsel - Director
Regulatory Affairs
Public Affairs Americas Region

1100 New York Avenue, NW
Suite 640 West Tower
Washington, DC 20005

Phone +1 202 312 5913
Mobile +1 202 236 3191
Fax +1 202 312 5904
Jeffrey.Marks@alcatel-lucent.com

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VIA ELECTRONIC FILING

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

**Re: Notice of *Ex Parte* Presentation
WT Docket No. 06-150; PS Docket No. 06-229; WP Docket No. 07-100**

Dear Ms. Dortch:

On June 21, 2011, Mark Madden, Michael McMenamin and the undersigned of Alcatel-Lucent met with Julius Knapp, Ira Keltz, and Bruce Romano of the Office of Engineering and Technology; Pat Amodio, Gene Fullano, Bhezad Ghaffari, Brian Hurley, and Erika Olsen (who attended by phone) of the Public Safety and Homeland Security Bureau; and John Leibovitz, Michael McKenzie, Tom Peters, and Tom Tran of the Wireless Telecommunications Bureau.

At the meeting, the attendees from Alcatel-Lucent discussed the benefits and feasibility of spectrum sharing between public safety entities and utilities. The attached presentation served as the basis for discussion, demonstrating the advanced capabilities of an LTE network and providing examples of utility uses of the network and potential sharing architectures. The participants also discussed how utilities are well-suited to partner with public safety in building out a wireless broadband network due to similar needs for a hardened network, similar needs for geographic coverage to sparsely populated areas and the ability for utilities to leverage existing utility tower and pole infrastructure to efficiently build out the network.

Each of the aforementioned Commission employees will be provided a copy of this submission by electronic mail. Please contact the undersigned with any questions in connection with this filing.

Respectfully submitted,

/s/

Jeffrey A. Marks